

# Rohit Shakya

Software Developer  
Viva Online Learning Technologies  
New Delhi, India

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## Links

[github.com/rohitshakya](https://github.com/rohitshakya)  
[linkedin.com/in/rohitrkshakya/](https://linkedin.com/in/rohitrkshakya/)

## Skills

### OS

GNU/Linux, Windows

### LANGUAGES

C++, Java, Python, JavaScript, PHP, SQL

### FRAMEWORKS AND LIBRARIES

CodeIgniter, Laravel, React, Bootstrap

### AUTOMATION TESTING

Selenium, TestNG, JUnit, JMeter

### WEB STANDARDS AND APIS

jQuery, Ajax, HTTP, SOAP, REST, JSON, XML

### OTHERS

AWS, Git, Github, Microsoft Azure,  
Postman, LaTeX, Sublime Text,  
Eclipse, Figma, Cesium, Firebase

## Coursework

Data Structures & Algorithms,  
Deep Learning, Network Science,  
Discrete Mathematics,  
Advanced Operating Systems  
Information Security  
Computer Networks, DBMS

## Education

2019-2021

MSC COMPUTER SCIENCE

Department of Computer Science,  
University of Delhi  
CGPA : 7.531/10

2016-2019

BSC (H) COMPUTER SCIENCE

Ramanujan College,  
University of Delhi  
CGPA: 7.486/10

2013-2015

INTERMEDIATE

Kautilya Govt. Sarvodaya Bal Vidyalaya,  
Chirag Enclave, New Delhi  
Percentage: 79.25%

## Experience

JAN 2021-PRESENT **Viva Online Learning Technologies** **Software Developer**

- Developed web-based comprehensive educational programs targeting thousands of Ed-tech users.
- Did research, design, implement, upgrade, and manage software programs that doubled the efficiency of the project.
- Determined the operational practicality using DFDs and the 100% architectural flow of the software systems to consolidate end-to-end service processes.
- Worked closely with other developers, UX designers, business and systems analysts, and restructured communication flow.
- Having exposure to backend development, automation testing, performance testing, third-party software integrations, database management, API development, and end-to-end system designing of web applications.

*CodeIgniter4, PHP, JavaScript, Java, Selenium, Jmeter, SQL, HTML, jQuery*

## Roles and Responsibilities

- Organizer and Lead Developer at Turington Technical Fest, in a team of 10.
- Former Chess Captain-Ramanujan College coordinated the team of six.
- 5 Star programming certification at the Hacker Rank Platform.

## Projects

See full list of projects on [github.com/rohitshakya](https://github.com/rohitshakya)

2021-PRESENT **Viva Volt**

**CI4, PHP, JavaScript, HTML, SQL**

Innovative learning platform based on MVC architecture, featuring video lessons, Smart Interactivity, Gamified Learning, Ebooks, Online Worksheets, Progress Tracker, Cloud Storage, and integration with many third-party microservices.

2019-2020 **Buffer Cache Simulation**

**Python, Operating System**

Python-based academic project in the operating system to simulate Getblk and buffer management in the UNIX system, Learned about the scenarios of retrieval of buffer, the structure of the buffer pool and buffer header, algorithms for reading and writing disk blocks, working in the multiprocessing environment, etc.

2019-2020 **Beautifier and Formatter**

**C++, Strings Manipulation**

The C++ and strings-based tools help make the formatting of a file consistent. Made to format JSON during the data accessibility to weather APIs. This tool can be use to make that code look pretty and readable.

## Relevant Intrerests

Competitive Coding, Open Source, Cloud Native Technologies, DS & Algorithms.